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# KENTUCKY WEEKLY CROP & WEATHER REPORT



Prepared in Cooperation with:  
Univ. of Ky - Agr'l Weather Center  
U.S. Dept. of Commerce - NOAA  
Kentucky Department of Agriculture  
Cooperative Extension Service

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**AGRICULTURAL NEWS:** Below normal temperatures prevailed throughout the State last week, averaging 45 degrees, which was 7 degrees below normal. Precipitation averaged 1.36 inches for the week which was 0.58 inches above normal. Stripping tobacco, along with some corn and soybean harvesting remained the major activities. **Topsoil moisture** as of Friday, November 1 was rated 3 percent short, 56 percent adequate, and 41 percent surplus. **Subsoil moisture** was rated 2 percent very short, 9 percent short, 69 percent adequate, and 20 percent surplus. Days suitable for fieldwork averaged 1.8 out of a possible 7 days.

**TOBACCO:** As of Sunday, November 3, **burley tobacco** was 41 percent stripped. This was ahead of last year's 33 percent and the five-year average of 28 percent. Moist conditions enabled tobacco stripping to continue. Most producers feel that they will make their quota with good quality tobacco. Condition of the stripped tobacco was reported as 1 percent very poor, 8 percent poor, 23 percent fair, 49 percent good, and 19 percent excellent.

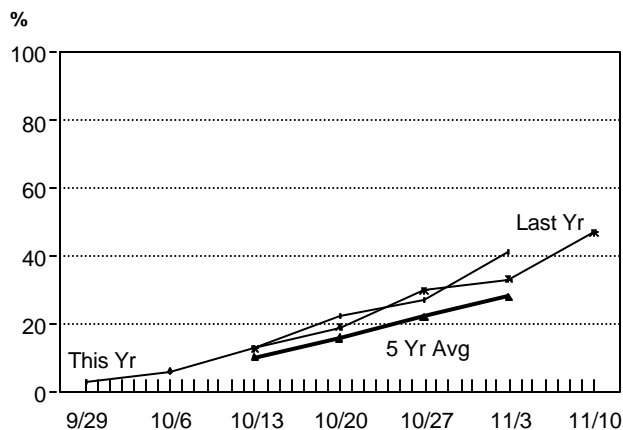
**CORN:** Corn harvesting was virtually complete in the western and middle sections of the State, however heavy

rains kept corn combining to a minimum. Overall, 96 percent of the corn crop was harvested as of Sunday, November 3. This compared to 97 percent last year and 95 percent for the five-year average.

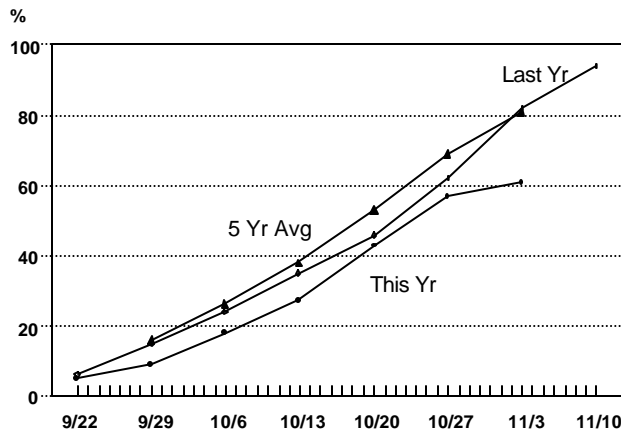
**SOYBEANS:** Harvest was delayed by frequent showers and wet field conditions with 61 percent complete which was behind both last year's 82 percent and the five-year average of 80 percent.

**OTHER CROPS:** **Winter wheat** seeding was 60 percent complete as of Sunday, November 3. This compared to last year's 80 percent and the five-year average of 83 percent. The emerged crop was rated at 2 percent poor, 20 percent fair, 57 percent good, and 21 percent excellent. Farmers reported mostly good germination despite delayed growth due to cool wet conditions. **Pasture** condition was rated as 1 percent very poor, 8 percent poor, 25 percent fair, 47 percent good, and 19 percent excellent. Kentucky farmers were still reporting mostly fair to good conditions for the State's livestock. Farmers in several parts of the State were continuing to feed hay to livestock.

**BURLEY TOBACCO PERCENT STRIPPED**



**SOYBEANS HARVESTED PROGRESS**



**KENTUCKY CROP PROGRESS**  
WEEK ENDING NOVEMBER 3, 2002  
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Soybeans Harvested	61	82	80	57	84
Corn Harvested	96	97	95	93	66
Burley Tobacco Stripped	41	33	28	27	NA
Wheat Seeded	60	80	83	57	89

(NA) Data Not Available.

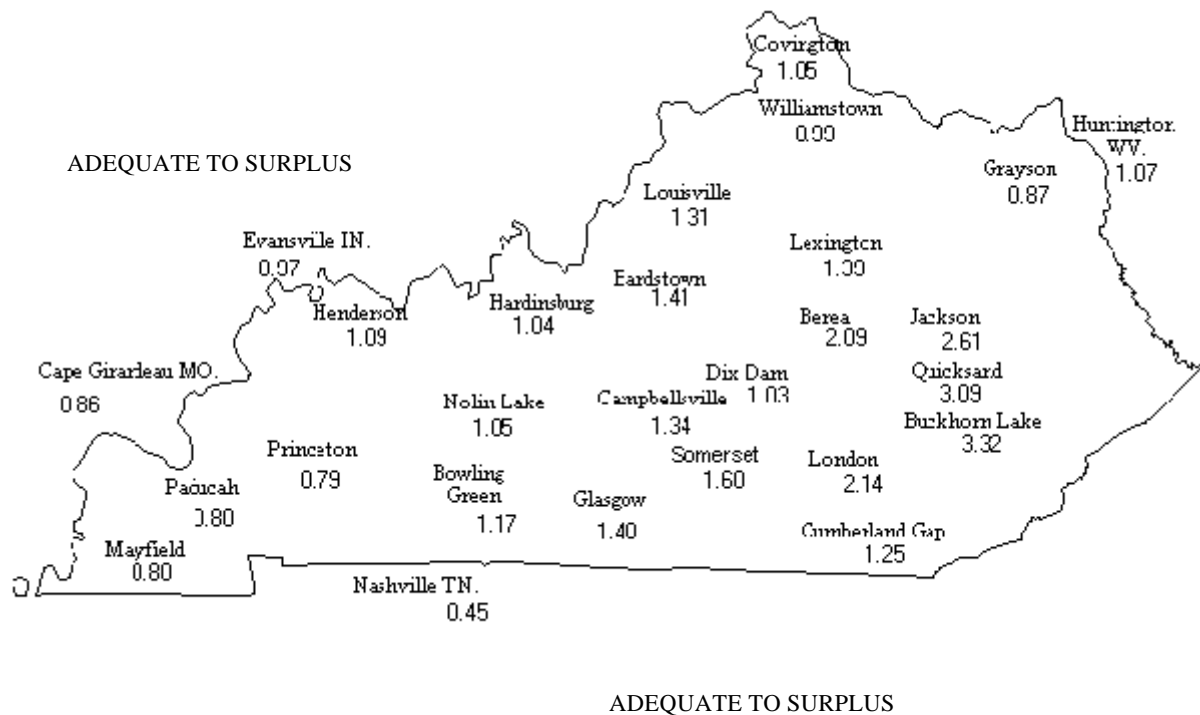
**SOIL MOISTURE**  
WEEK ENDING NOVEMBER 1, 2002  
WITH COMPARISONS

	This Week	Previous Week
Percentage		
<b>TOPSOIL</b>		
Very Short	0	1
Short	3	5
Adequate	56	76
Surplus	41	18
<b>SUBSOIL</b>		
Very Short	2	2
Short	9	14
Adequate	69	72
Surplus	20	12

**KENTUCKY CROP CONDITIONS (Percent)**

CROP	WEEK ENDING NOVEMBER 1, 2002					WEEK ENDING OCTOBER 25, 2002				
	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT
Winter Wheat	0	2	20	57	21	0	1	18	63	18
Pasture	1	8	25	47	19	1	5	24	56	14
Stripped Tobacco	1	8	23	49	19	1	10	29	44	16

**PRECIPITATION MAP FOR WEEK ENDING SUNDAY, NOVEMBER 3, 7:00 P.M.**  
**TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, NOVEMBER 1, 2002**



## **KENTUCKY WEATHER SUMMARY, OCTOBER 28 - NOVEMBER 3, 2002:**

### **BELOW NORMAL TEMPERATURES AND ABOVE NORMAL RAINFALL:**

The 2002 growing season ended in Kentucky this past weekend as temperatures fell into the mid-to-upper 20s over the entire State. Significant rainfall occurred in conjunction with a fairly strong storm system which dumped well over an inch of rain across most of the State in a three-day period from Monday through Wednesday. The rainfall from this storm system brought the state-averaged rainfall total for Sept. and Oct. to an impressive 11.71 inches; the wettest Sept. and Oct. on record. Much of the State received rainfall once again on Sunday as mid-level moisture was fed into the area by southerly flow following the departure of high pressure that dominated the State's weather by mid-week. Temperatures for the week were well below normal for this time of the year, as the previously mentioned high pressure center was of arctic origin, and introduced much cooler air to the State.

Temperatures for the period averaged 45 degrees across the State which was 7 degrees below normal. High temperatures averaged from 51 in the West to 51 in the East. Departure from normal high temperatures ranged from 15 degrees below normal in the West to 11 degrees below normal in the East. Low temperatures averaged from 40 degrees in the West to 40 degrees in the East. Departure from normal low temperature ranged from 3 degrees below normal in the West to near normal in the East. The extreme high and low for the State were 69 degrees at Campbellsville and 24 degrees at Lexington, respectively.

Rainfall for the period totaled 1.36 inches statewide which was 0.58 inches above normal. Rainfall totals by climate division, West 0.88 inches, Central 1.23 inches, Bluegrass 1.31 inches and East 1.99 inches, which was 0.06, 0.44, 0.60 and 1.23 inches respectively above normal. By station, rainfall totals ranged from a low of 0.80 inches at Paducah to a high of 3.32 inches at Buckhorn Lake.

Tom Priddy

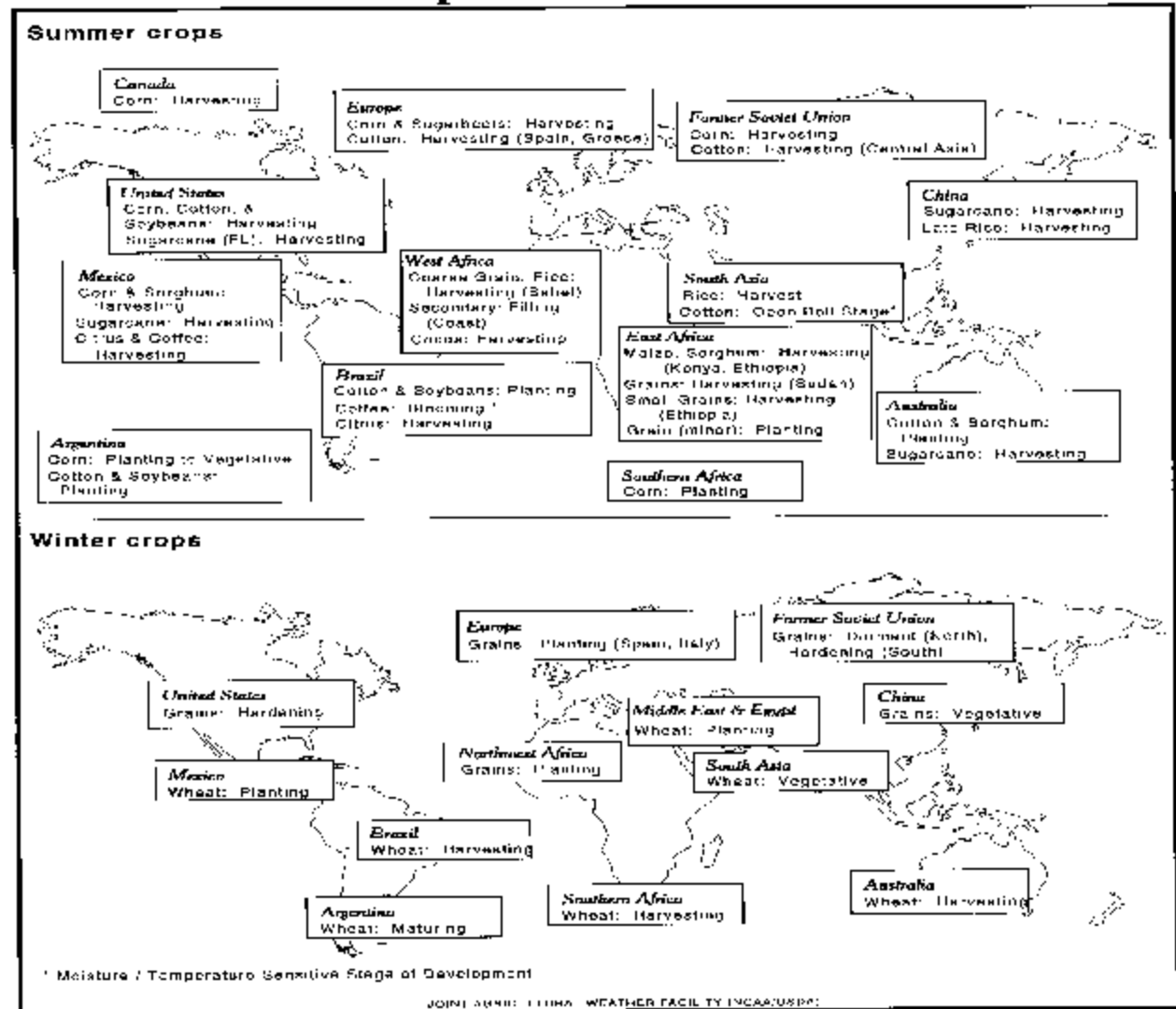
### **KENTUCKY TEMPERATURES AND RAINFALL**

**FOR WEEK ENDING SUNDAY, NOVEMBER 3, 7:00 P.M.**

Weather Station	Rainfall			Deviation From		Air Temperature				Relative Humidity	
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly Avg.	Dev. From Norm	Average	
										High	Low
(Inches)			(Degrees Fahrenheit)								
Bardstown	1.41	36.50	5.09	+9.45	+2.68	56	24	43.9	-8	95	49
Berea	2.09	40.26	6.90	+11.65	+4.26	65	29	46.9	-4	94	51
Bowling Green	1.17	37.45	4.76	+8.59	+1.88	75	31	51.9	-0	--	--
Bristol	1.42	19.82	3.71	-4.55	+1.33	65	28	48.2	-3	--	--
Buckhorn Lake	3.32	29.76	6.48	+2.42	+3.84	64	27	45.3	-6	--	--
Cape Girardeau	0.86	33.72	2.48	+6.63	-0.34	59	26	45.2	-9	--	--
Campbellsville	1.34	37.34	5.59	+5.12	+2.65	69	24	47.9	-4	95	51
Covington	1.05	29.35	3.57	+3.80	+0.92	55	26	41.2	-10	--	--
Cumberland Gap	1.25	23.53	4.54	-6.03	+1.45	68	28	48.2	-3	95	51
Dix Dam	1.03	34.10	5.38	+5.97	+2.71	56	26	44.6	-6	--	--
Evansville	0.97	29.89	3.18	+4.27	+0.49	62	23	44.6	-10	--	--
Glasgow	1.40	38.07	5.23	+7.16	+2.35	72	24	49.4	-3	96	49
Grayson	0.87	26.78	3.77	+0.38	+1.04	55	27	43.7	-7	95	52
Hardinsburg	1.04	33.68	4.81	+5.04	+1.94	60	27	45.5	-7	95	52
Henderson	1.09	36.29	3.67	+9.78	+1.02	60	26	44.8	-10	95	51
Huntington	1.07	27.28	4.78	+0.75	+2.06	55	27	43.5	-7	--	--
Jackson	2.61	31.38	6.34	+2.90	+3.61	62	27	44.1	-7	--	--
Lexington	1.39	28.70	6.24	+1.65	+3.83	56	24	42.8	-8	--	--
London	2.14	27.35	4.37	+0.85	+1.76	69	25	46.5	-4	--	--
Louisville	1.31	32.22	4.59	+5.62	+2.03	58	26	43.6	-9	--	--
Mayfield	0.80	23.28	3.11	-6.54	-0.29	59	27	46.2	-8	95	52
Nashville	0.45	28.14	3.46	+1.45	+0.94	73	32	51.0	-1	--	--
Nolin Lake	1.05	36.64	5.62	+6.07	+2.61	68	30	50.1	-2	--	--
Paducah	0.80	30.55	2.89	+1.90	+0.04	63	26	46.3	-8	95	47
Princeton	0.79	32.93	5.49	+4.18	+2.57	63	26	46.2	-8	99	62
Quicksand	3.09	33.31	6.38	+4.83	+3.65	63	27	44.9	-6	95	52
Somerset	1.60	33.70	5.68	+3.54	+2.62	69	25	47.2	-4	94	52
Spindletop	1.32	23.68	5.10	-3.37	+2.69	55	27	42.2	-9	87	49
Williamstown	0.99	24.24	2.08	-2.89	-0.69	56	25	42.1	-9	95	52

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

## November normal crop calendar



This release and others can be viewed on the Internet at <http://www.nass.usda.gov/ky/> For a free E-Mail subscription of the Kentucky Weekly Crop & Weather report, send an E-Mail message to [nass-state-releases@news.usda.gov](mailto:nass-state-releases@news.usda.gov) with the following command in the body of the message: **subscribe ky-crop-weather <e-mail address>**. The E-Mail address is optional; leave the address blank unless subscribing for someone else. The default address is where you sent the message from. You would unsubscribe in a similar way but use the word unsubscribe.